

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Substitute for Form PTO-1380		ATTORNEY'S DOCKET NUMBER 034279-018 U.S. APPLICATION NO. 10/563,130 10/563,130
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		PRIORITY DATE CLAIMED July 04, 2003
INTERNATIONAL APPLICATION NO. PCT/DK2004/000476	INTERNATIONAL FILING DATE July 2, 2004	
TITLE OF INVENTION A METHOD OF PRODUCING AN INTERPENETRATING POLYMER NETWORK (IPN), THE IPN AND USE THEREOF		
APPLICANT(S) FOR DO/EO/US KARTHAUSER, Joachim		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission to items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.</li> <li><input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
Items 11 to 21 below concern document(s) or information included:		
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A FIRST preliminary amendment.</li> <li><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information: <u>General Authorization for Petitions for Extensions of Time and Payment of Fees, Application Data Sheet and PCT/ISA/210</u></li> </ol>		

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/563130</b>	INTERNATIONAL APPLICATION NO. <b>PCT/DK2004/000476</b>	ATTORNEY'S DOCKET NUMBER <b>034279-018</b>																																																																																			
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<p>21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information: <u>NANON A/S, Brondby, Denmark</u></p> <hr/> <hr/> <hr/> <hr/>																																																																																					
<p>22. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table border="1"> <tr> <td colspan="2">Basic Filing Fee (1631)</td> <td>\$ 300.00</td> </tr> <tr> <td colspan="2">Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e))</td> <td></td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> </tr> <tr> <td>Total Claims</td> <td>53</td> <td>-20 = 33</td> </tr> <tr> <td>Independent Claims</td> <td>2</td> <td>-3 = 0</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+\$360.00 (1616)</td> </tr> <tr> <td>Examination Fee</td> <td></td> <td>+\$200.00 (1633)</td> </tr> <tr> <td>Search Fee</td> <td></td> <td>+\$400.00 (1632)</td> </tr> <tr> <td colspan="2">App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)</td> <td></td> </tr> <tr> <td colspan="2"></td> <td><b>TOTAL OF ABOVE CALCULATIONS</b> = \$ 2,550.00</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td>+</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="2"></td> <td><b>SUBTOTAL</b> = \$ 2,550.00</td> </tr> <tr> <td colspan="2">Processing fee of \$130.00 (1618) for furnishing the English translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td></td> <td>\$ 0.00</td> </tr> <tr> <td colspan="2"></td> <td><b>TOTAL NATIONAL FEE</b> = \$ 2,550.00</td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +</td> <td>\$ 40.00</td> </tr> <tr> <td colspan="2"></td> <td><b>TOTAL FEES ENCLOSED</b> = \$ 2,590.00</td> </tr> <tr> <td colspan="2"></td> <td><b>Amount to be refunded</b> :</td> </tr> <tr> <td colspan="2"> <p>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>02-4800</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4800</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Charge <u>\$ 2,590.00</u> to credit card. Form PTO-2038 is attached.</p> </td> <td>charged :</td> </tr> <tr> <td colspan="4"> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> </td> </tr> <tr> <td colspan="4"> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Buchanan Ingersoll PC Including attorneys from Burns, Doane, Swecker &amp; Mathis P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620</p> </td> </tr> <tr> <td colspan="2">  </td> <td colspan="2">SIGNATURE</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">William C. Rowland</td> </tr> <tr> <td colspan="2"></td> <td>NAME</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>30,888</td> <td>January 3, 2006</td> </tr> <tr> <td colspan="2"></td> <td>REGISTRATION NO.</td> <td>DATE</td> </tr> </table>		Basic Filing Fee (1631)		\$ 300.00	Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e))			CLAIMS	NUMBER FILED	NUMBER EXTRA	Total Claims	53	-20 = 33	Independent Claims	2	-3 = 0	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+\$360.00 (1616)	Examination Fee		+\$200.00 (1633)	Search Fee		+\$400.00 (1632)	App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)					<b>TOTAL OF ABOVE CALCULATIONS</b> = \$ 2,550.00	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 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